

TRANSPARENT SUBSTRATE COMPRISING
AN ANTIREFLECTION COATING

ABSTRACT

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The subject of the invention is a transparent substrate (6), comprising an antireflection coating, made from a stack (A) of thin layers of dielectric material having alternately high and low refractive indices. This stack comprises:

- a high-index first layer (1), having a refractive index n_1 of between 1.8 and 2.2 and a geometrical thickness e_1 of between 5 and 50 nm;
- a low-index second layer (2), having a refractive index n_2 of between 1.35 and 1.65 and a geometrical thickness e_2 of between 5 and 50 nm;
- a high-index third layer (3), having a refractive index n_3 of between 1.8 and 2.2 and a geometrical thickness e_3 of between 70 and 120 nm;
- a low-index fourth layer (4), having a refractive index n_4 of between 1.35 and 1.65 and a geometrical thickness e_4 of at least 80 nm.